



DA-P 20-130/T-EN54

- quick mounting
- high impact ABS plastic
- BS 5839

EN54

CE
14

EN 54-24:2008
Ref. Nr.: 020-14
ID-Code: SAA-LS20
1438-CPR-1094

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CE-Symbol gemäß Richtlinie 93/68EWG

The 20W powered speaker is equipped with a 130mm full-range loudspeaker and a 100V line transformer with 4 power adjustments. A robust UV-resistant ABS plastic housing in RAL 9016 and a solid aluminium mounting bracket ensure the permanent installation of this speaker.

For additional reliability, a 2-pin ceramic block and a thermal fuse are provided in a junction box, and the speaker chassis is impregnated against wetness.

The speaker is compliant with the British Standard BS 5839, Part 8.

Optionally available is a mast bracket (MB) for approx. 90-200 mm mast diameter.

Product	DA-P 20-130/T-EN54
Article No	20142815

Acoustics

Power	20/10/5/2,5 W
Impedance (100V)	500/1000/2000/4000 ohm
Speaker ø	130 mm
Frequency Range	150 - 20.000 Hz
Frequency Response	120 - 21.000 Hz
SPL 1W/1m, peak	99,5 dB
SPL 1W/4m, peak	87,5 dB
SPL Pmax/4m, peak	100,5 dB
SPL IEC268-5, 1W/1m	87,0 dB
SPL IEC268-5, Pmax/1m	100,0 dB
Sensitivity EN54-24, 1W/1m	87,0 dB
Sensitivity EN54-24, 1W/4m	75,0 dB
Dispersion -6dB, 500Hz	360° v/h
Dispersion -6dB, 1KHz	230° v/h
Dispersion -6dB, 2KHz	110° v/h
Dispersion -6dB, 4KHz	58° v/h

Connections and Housing

Connector	2-pin ceramic block
Terminal Diameter	3,2 mm
Maximum Cable Passage	8 mm²
Max. cable cross section loop	2x2 mm²
Temperature Range	-25 / +70 C°
Type A/B	B
Dimensions	138x204 mm
Weight (net)	1,44 kg
Housing	ABS
Colour	RAL 9016
Mounting	mounting bracket
IP Rating	IP66

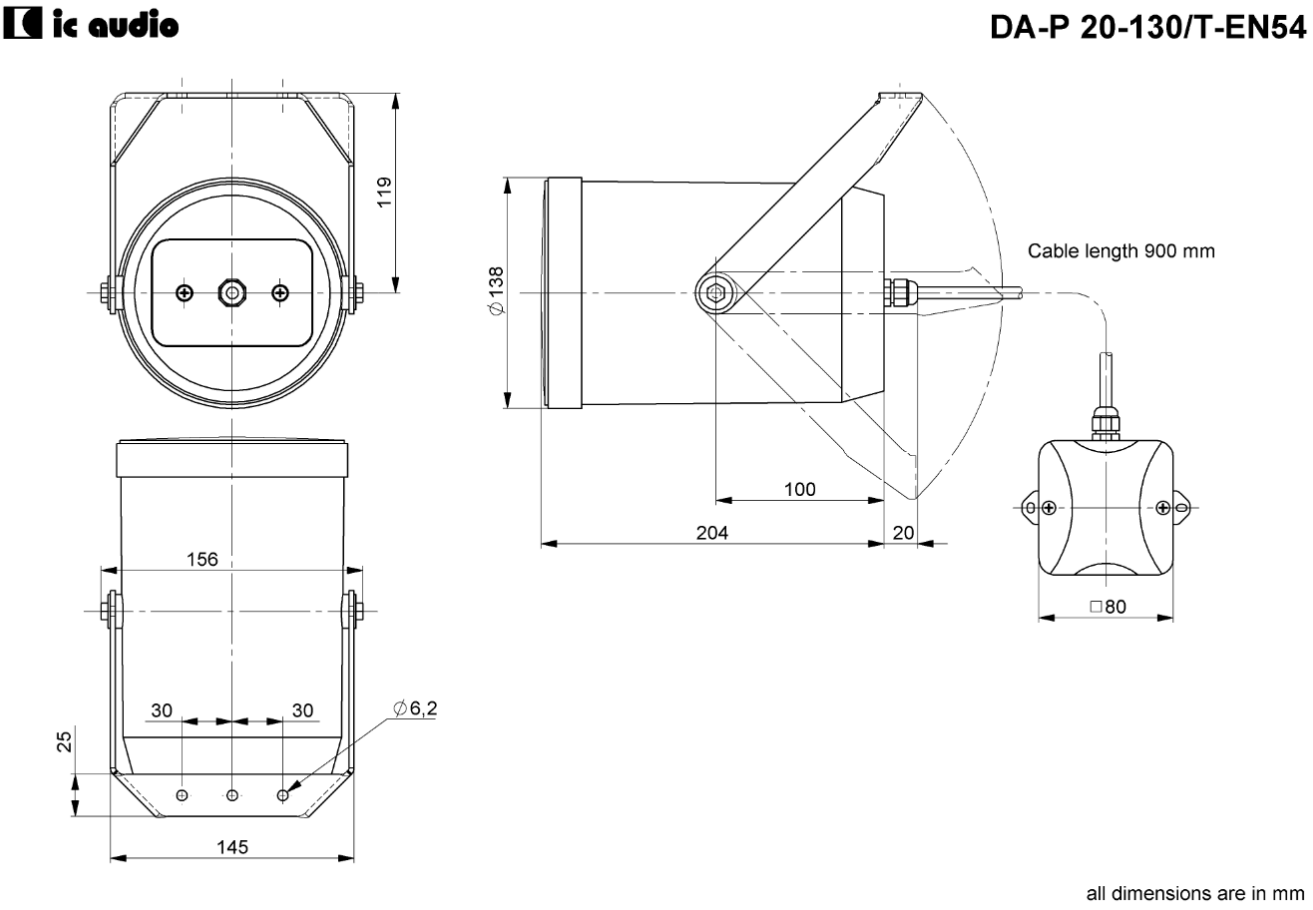
Certification

Ref. Nr.	020-14
ID-Code	SAA-LS20
Certificate Number	1438-CPR-1094

Product Attributes

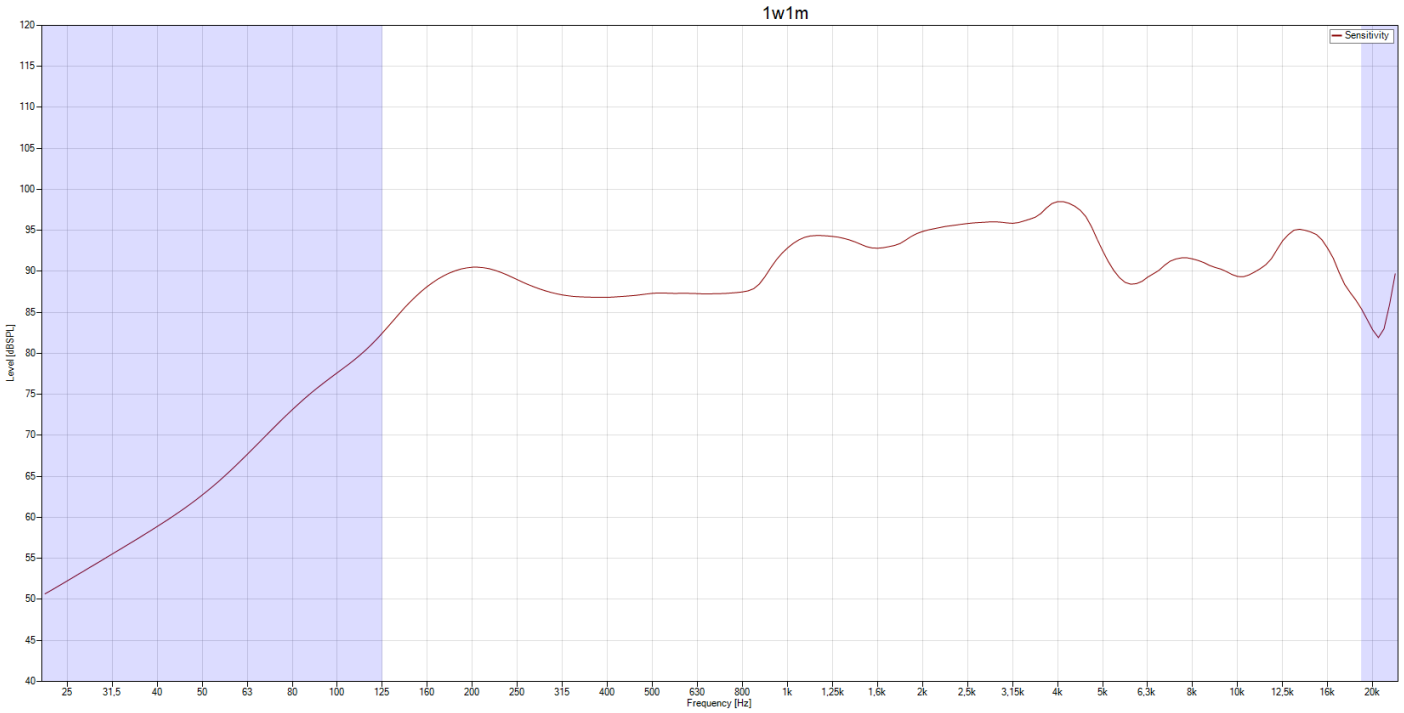


Technical Drawing

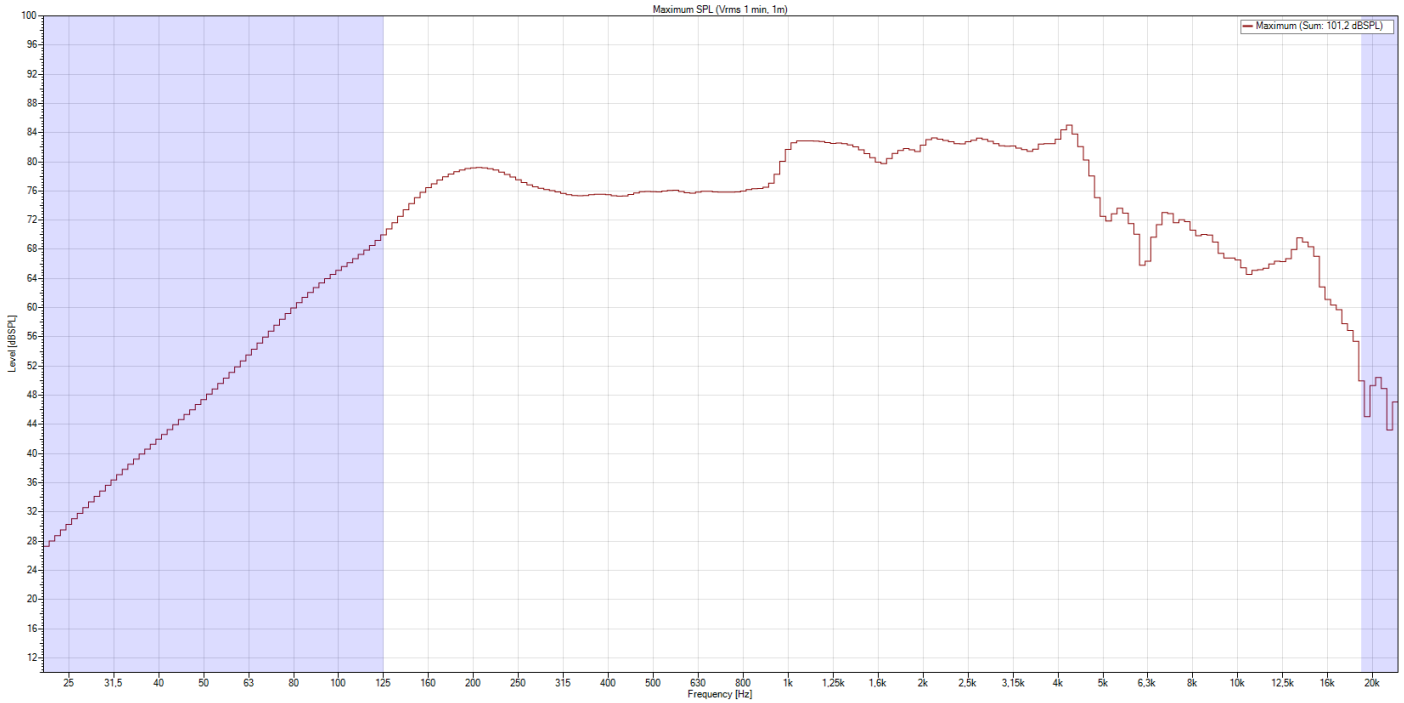


Frequency Response Diagram

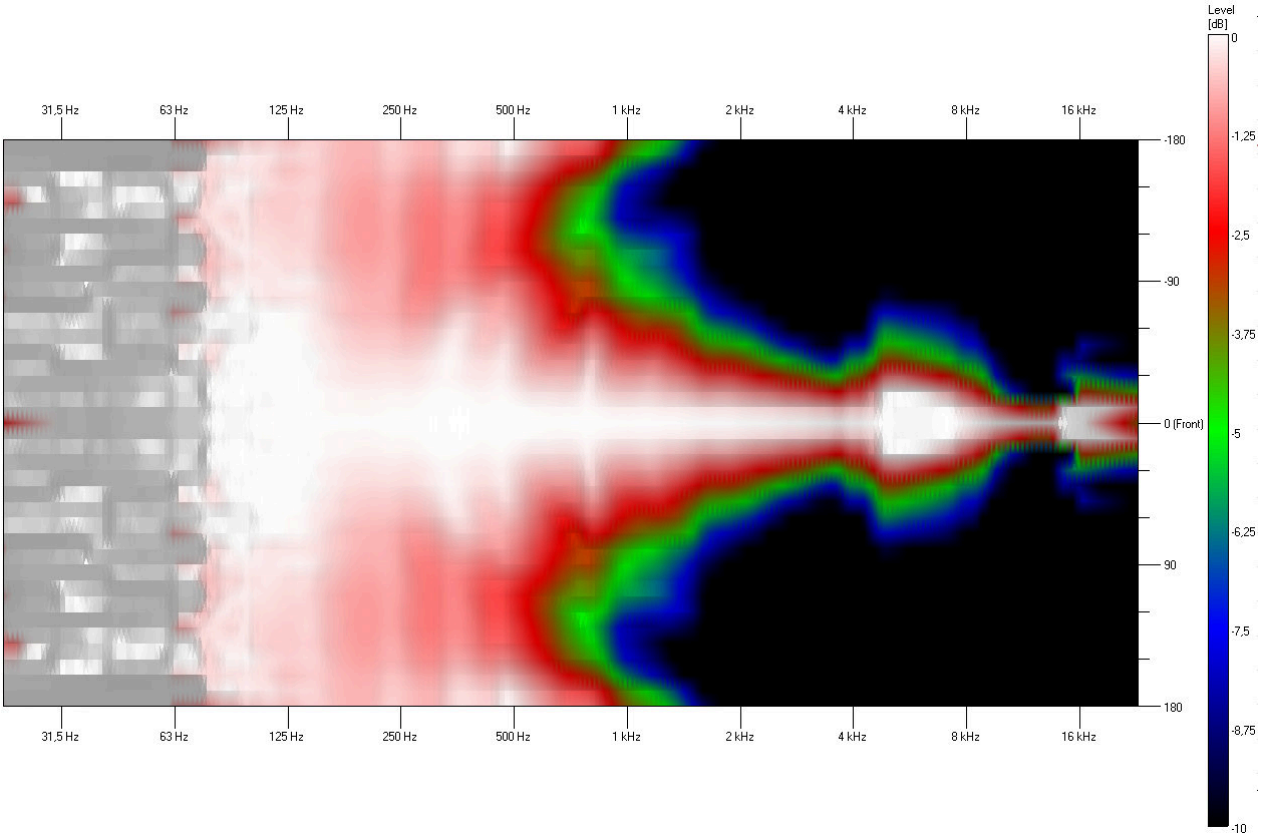
Sensitivity



SPL Max

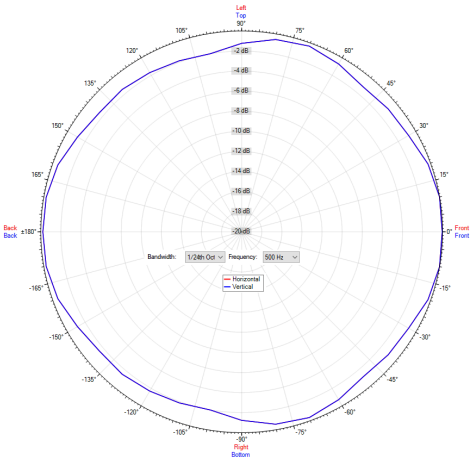


Isobar

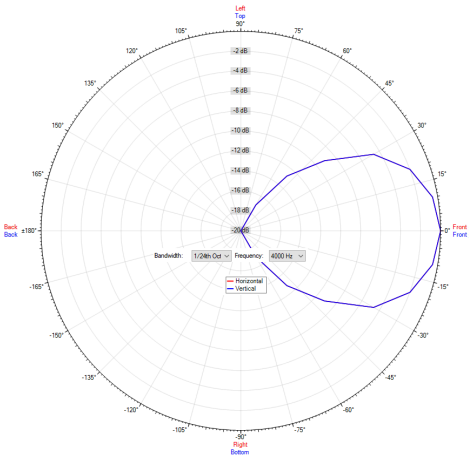

Level [dB]
0
-1,25
-2,5
-3,75
-5
-6,25
-7,5
-8,75
-10
31,5 Hz
63 Hz
125 Hz
250 Hz
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz
-180
-90
0 (Front)
90
180

Polar Diagram

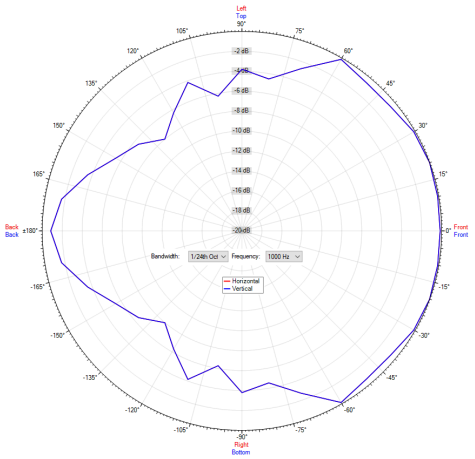
Polar Diagram 500Hz



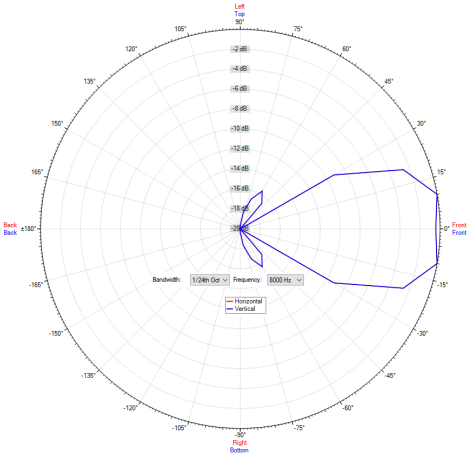
Polar Diagram 4000Hz



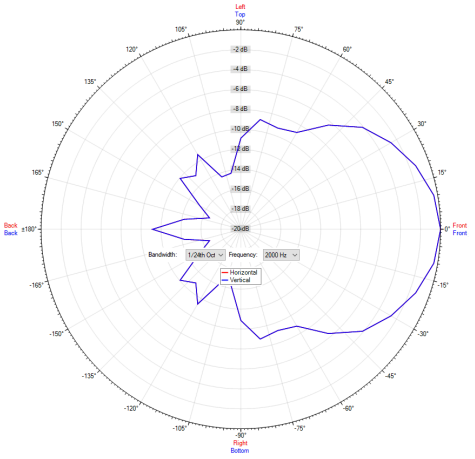
Polar Diagram 1000Hz



Polar Diagram 8000Hz



Polar Diagram 2000Hz



ic audio loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters IP (International Protection) followed by two digits. The first digit indicates the degree of protection against dust and the second digit the degree of protection against water. Please note that the testing of the products has been carried out in laboratory conditions which are not always 100% comparable with the conditions of different installation environments. This protection can be reduced due to normal wear and tear depending on the installation environment.

RoHS compliant (2011/65/EU)

The IP rating specified is based on ic audio test results, not on CNBOP-PIB test results. Certification only verifies the minimum requirements for EN54-24 compliance.

Article No: 20142815
Packing Unit: 8

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